

MAY 21 2007

CONSERVATION DIVISION
WICHITA, KS

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

COPY

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P. O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: NCRA
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name:
License:
Wellsite Geologist:
Designate Type of Completion:
____ New Well ____ Re-Entry ☒ Workover
☒ Oil ____ SWD ____ SLOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:
____ Deepening ____ Re-perf. ____ Conv. to Enhr/SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled ____ Docket No.
____ Dual Completion ____ Docket No.
____ Other (SWD or Enhr.?) ____ Docket No.

04/24/2007 05/02/2007 05/03/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-22398-0001
County: Graham
____ NW ____ SE ____ Sec. 36 Twp. 6 S. R. 21 ☐ East ☒ West
990 feet from (S) / N (circle one) Line of Section
990 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Don Billips Trust Well #: 1
Field Name: Solo Bow
Producing Formation: Lansing-Kansas City
Elevation: Ground: 2200' Kelly Bushing: 2205'
Total Depth: 3744' Plug Back Total Depth: 3640'
Amount of Surface Pipe Set and Cemented at 217' Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1803' Feet
If Alternate II completion, cement circulated from 1803'
feet depth to surface w/ 465 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name:

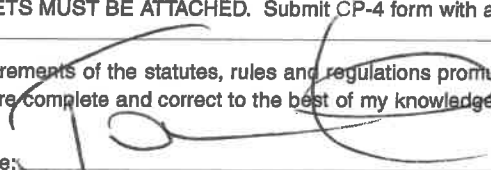
Lease Name: License No.:

Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West

County: Docket No.:

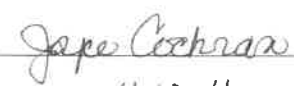
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: 

Title: Production Manager Date: 05/18/2007

Subscribed and sworn to before me this 18 day of May, 2007.

Notary Public: 

Date Commission Expires: 4-10-11



JOYCE COCHRAN
My Appt. Exp. 4-10-11

KCC Office Use ONLY

☒ Letter of Confidentiality Received
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: Ritchie Exploration, Inc.Lease Name: Don Billips TrustWell #: 1Sec. 36 Twp. 6 S. R. 21 ☐ East ☒ WestCounty: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken

☒ Yes ☐ No

(Attach Additional Sheets)

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ No

Electric Log Run

☒ Yes ☐ No

(Submit Copy)

List All E. Logs Run:

R A Guard Log

☒ Log

Formation (Top), Depth and Datum

☐ Sample

Name

Top

Datum

(See Attached Document)

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MAY 21 2007

CONSERVATION DIVISION
WICHITA, KS

COPY

CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8 5/8"		217'	60/40 Pozmix	150	3% cc, 2 gel
Production		4 1/2"	10.5#	3741	60/40 Pozmix	165	10% salt, 3% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	3673'-3683' (Arbuckle) 09/87	1000 gal, 15% INS	
	3597', 3590', 3595.5'-3599', 3588'-3591' (LKC) 10/87	1750 gal, 28%	
	3424'-3426' (Toronto) 11/90	750 gal, 15% NE	
4	3683'-3686', 3667'-3673' (Arbuckle) 04/24/2007	***CIBP @ 3640' over Arbuckle (05/02/2007)***	
4	3490'-3494', 3471'-3474' (LKC) 04/24/2007	1200 gal, 15% NE + 20 perf-ball sealers (04/30/2007)	
TUBING RECORD		Liner Run ☐ Yes ☒ No	
Size Set At Packer At			
2 3/8 3630' n/a			
Date of First, Resumerd Production, SWD or Enhr. 05/04/2007		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 8.35	Gas Mcf	Water Bbls. 49.92
		Gas-Oil Ratio	Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)



COPY

Don Billips Trust #1

NW SE SE
Sec 36-6S-21W
Graham County, KS
API# 15-065-22,398

Tops:

Anhydrite @ 1807' (+398)
B/Anhydrite @ 1839' (+366)
Topkea @ 3198' (-993)
Heebner @ 3403' (-1198)
Toronto @ 3423' (-1218)
LKC Top @ 3435' (-1230)
B/KC @ 3626' (-1421)
Arbuckle @ 3662' (-1457)
LTD - 3742'

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CONSERVATION DIVISION
WICHITA, KS

Drill Stem Tests:

DST #1 @ 3346' - 3385' (Topeka "A" & "B") rec'd 124' MW, 124' W, 992# - 982#
DST #2 @ 3400' - 3433' (Toronto) rec'd 551' GIP, 437' CGO, 72' MCO (60% oil),
110' MCO (75% oil) 1164# - 1136#
DST #3 @ 3431' - 3457' (LKC-Top Zone) rec'd 100' MW, 1030# - 963#
DST #4 @ 3457' - 3500' (LKC-35'/50') rec'd 10' FO, 40' OCM, 1145# - 1136#
DST #5 @ 3496' - 3522' (LKC-70'/90') rec'd 60' OSM, 62' WM, 122' WM, 1107# - 1080#
DST #6 @ 3545' - 3604' (LKC-140'/160'/180') rec'd 340' GIP, 60' FO,
122' GMCO (40% G, 40% O), 288' GMCO (10%G, 65% O), 1136# - 1107#
DST #7 @ 3602'-3635' (LKC-200'/220') rec'd 40' mud w/ few oil spots, #85#-76#
DST #8 @ 3624' - 3682' (Arbuckle) rec'd 124' GIP, 206' O, 62' MCO (60% O),
124' MCO (50% O), 124' HOCM (40% O), 753# - 639#

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CONSERVATION DIVISION
WICHITA, KS

GREAT GUNS
LOGGING
DIGITAL LOG

R. A. GUARD
LOG

COMPANY: RITCHIE EXPLORATION
WELL: DON BILLIPS TRUST #1
FIELD:
COUNTY: GRAHAM

FILE NO.: H-057867
STATE: KANSAS
COUNTRY: USA

LOCATION: NW SE SE

SEC: 36 TWP: 6S RGE: 21W

DATE: 9/8/87
RUN NO: 1

PERMANENT DATUM: GL

ELEVATIONS:
KB: 2205.0
DF: 0
GL: 2200.0

DRILLING MEASURED FROM: KB
LOG MEASURED FROM: KB
ABOVE PERMANENT DATUM: 5.0

DEPTH--DRILLER: 3744.0

SERVICES:

DEPTH--LOGGER: 3742.0
BOTTOM LOG INTERVAL: 3740.0
TOP LOG INTERVAL: 4.0

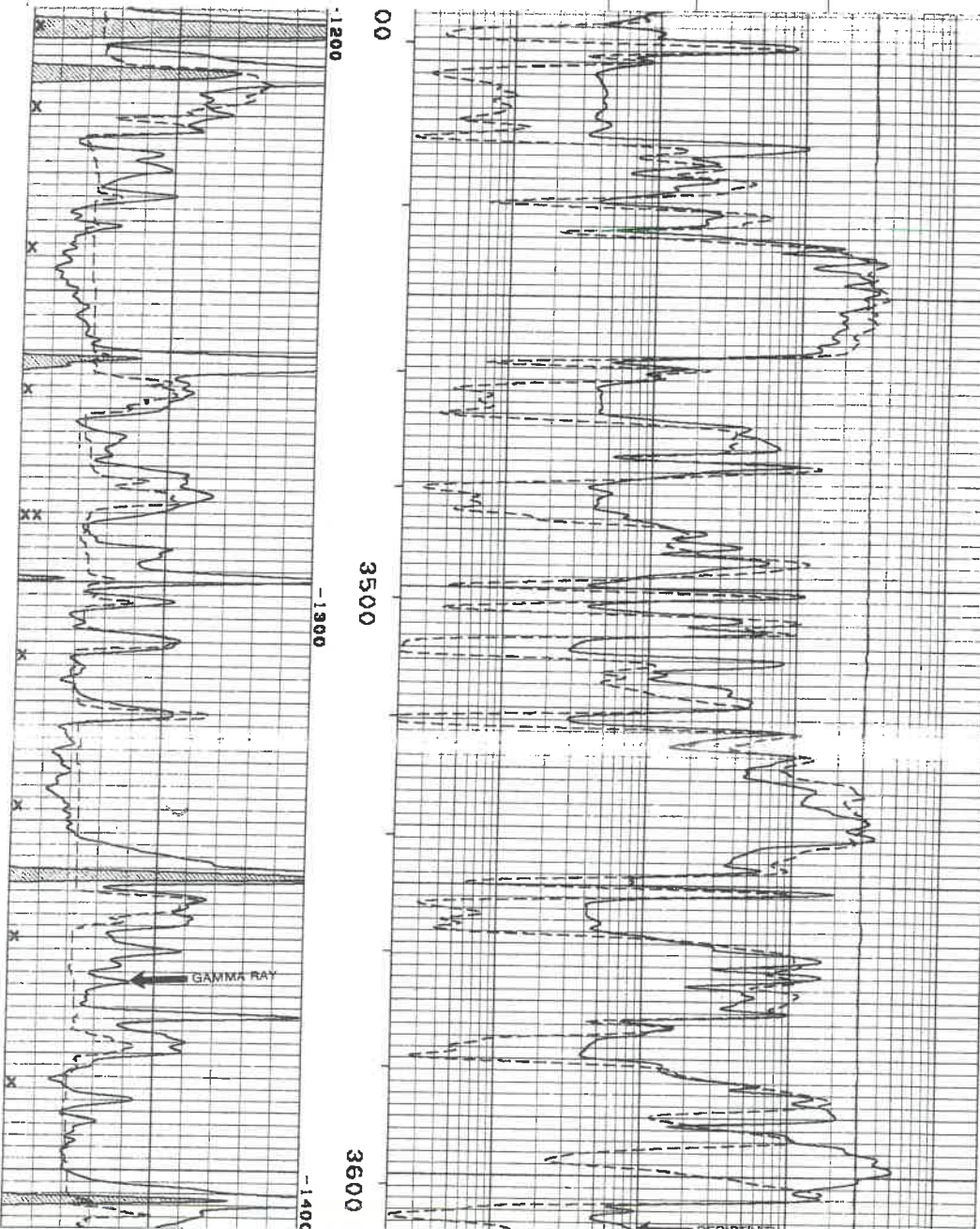
GR10
ENPG

CASING DEPTH--DRILLER: 217.0
CASING DEPTH--LOGGER: 218.0
CASING DIAMETER: 8.625

BIT SIZE: 7.875
UNIT NO: 64

LOCATION: HAYS, KS
RECORDED BY: D. LEGLEITER
ATTENDED BY: BOB MATHIESEN

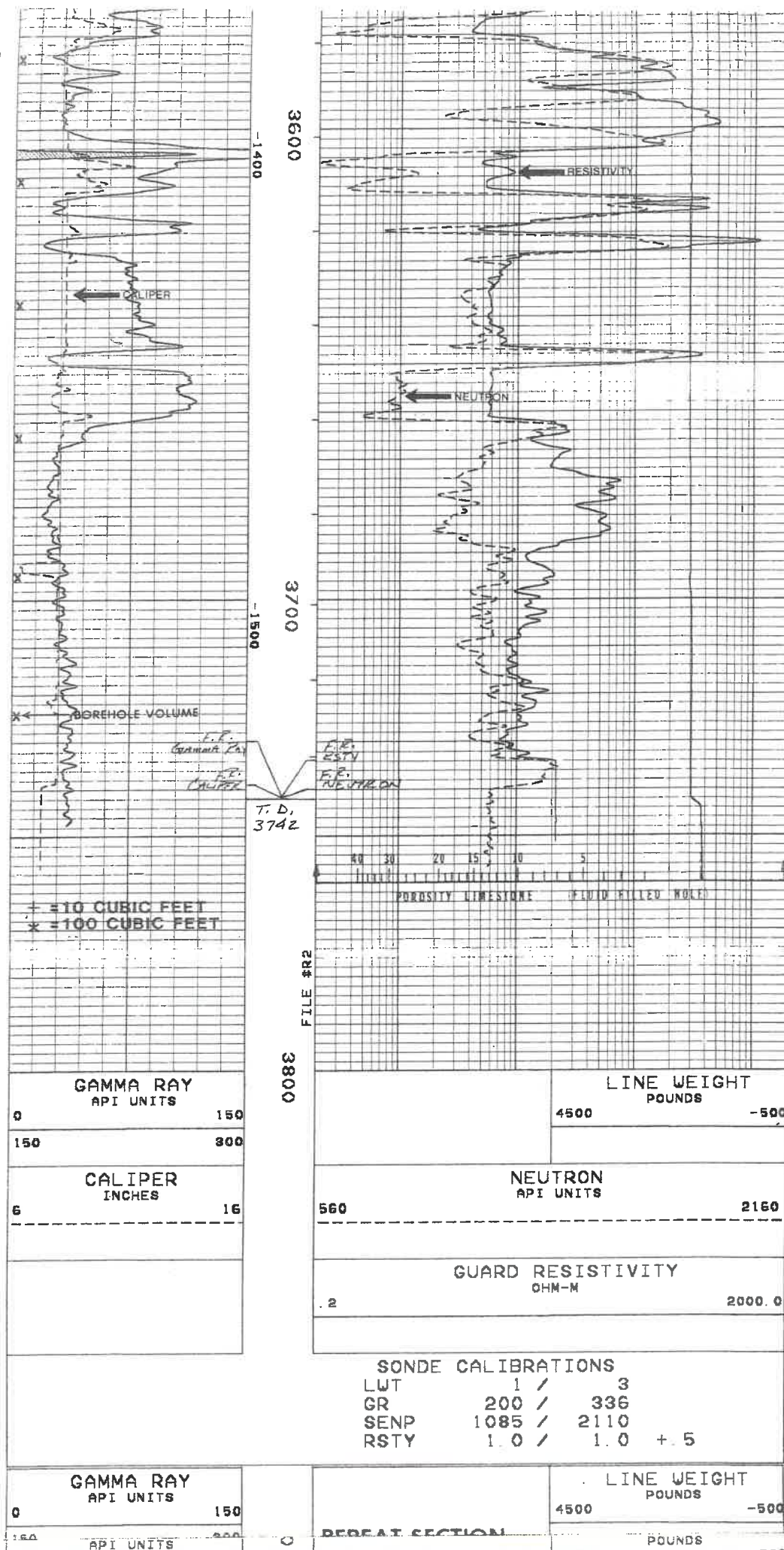
SOFTWARE VERSION
401



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KANSAS CORPORATION COMMISSION

MAY 21 2007



ne 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

COPY

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Nº 929

929

Date	9-8-87	Sec.	36	Twp.	6	Range	21	Called Out	2:00 PM	On Location	4:30 PM	Job Start		Finish	12:15 AM
Lease	Billipstrock #1			Well No.				Location	Damar N1/4 Sec 4N			County	Graham	State	Kansas
Contractor	Murfin Drig			Rig	8										
Type Job	Production Top stage														
Hole Size	7 7/8"			T.D.	3744'										
Csg.	4 1/2"			Depth	3743'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool	Arrow D.V. Tool			Depth	1803'										
Cement Left in Csg.	33.92			Shoe Joint	33.92										
Press Max.				Minimum	RECEIVED										
Meas Line	✓			Displace	KANSAS CORPORATION COMMISSION										
Perf.					MAY 21 2007										
								Owner	Same						
								To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.							
								Charge To	Ritchie Exploration INC.						
								Street	125 N. Market Suite 1002						
								City	Wichita			State	Kansas		
								The above was done to satisfaction and supervision of owner agent or contractor							
								Purchase Order No.	X Bennie Dills						
								CEMENT							

EQUIPMENT

CONSERVATION DIVISION
WICHITA, KS

#191	No.	Cementor	M Kaufman Jim S.
Pumptrk		Helper	
	No.	Cementor	
Pumptrk		Helper	
#150		Driver	Mike S.
Bulktrk			
Bulktrk		Driver	SEP 11 1957

DEPTH of Job

Reference: 100	PUMP Trk	450.00
	Sub Total	
	Tax	
	Total	450.00

Remarks:

Cement Did Ch

CEMENT

Amount Ordered	475 SKS 50/50 P. 26% Gel	
Consisting of		
Common	238 SKS @ 5.00	1190.00
Poz. Mix	237 SKS @ 2.10	497.70
Gel.	25 SKS @ 6.75 ea	168.75
Chloride		
Quickset		
	Sales Tax	
Handling	@ 75¢	356.25
Mileage	3¢/SK/mile	456.00
32 Miles		
	Sub Total	
	Total	2668.70
Floating Equipment		

Floating Equipment

Thanks

Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

COPY

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 928

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
9-8-87	36	6	21	2:00 PM	4:30 PM	8:00 PM	9:00 PM
Lease	Well No.		Location		County		State
Billip Trust	#1		Damar 11 N 1/4 W 4 N		Graham		Kansas
Contractor				Owner			
Murfin Drilling R. 9 8				SAMP			
Type Job				To Allied Cementing Co., Inc.			
Production Bottom Stage				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D.					
7 7/8"		3744'					
Csg.		Depth					
4 1/2"		3743'					
Tbg. Size		Depth					
Drill Pipe		Depth					
Tool		Depth					
Arrow D.V. Tool		1803'					
Cement Left in Csg.		Shoe Joint					
33.92		33.92					
Press Max.		Minimum					
		RECEIVED					
Meas Line		KANSAS CORPORATION COMMISSION					
		Displace					
Perf.		MAY 21 2007					

EQUIPMENT CONSERVATION DIVISION
WICHITA, KS

#191	No.	Cementor	M Kaufman
Pumptrk		Helper	Jim S.
	No.	Cementor	
Pumptrk		Helper	
#60		Driver	Randy P.
Bulktrk		Driver	
Bulktrk		Driver	

DEPTH of Job

Reference:	#	PUMP Trk	838
		Sub Total	
		Tax	
		Total	838

Remarks: Float did not Hold

Thanks

Charge To	Ritchie Exploration
Street	125 N. Market Suite 100
City	Wichita
State	Kansas
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
X	Lloyd Delleck
1 sk Gel	CEMENT 5 sks salt flush
Amount Ordered	165 sks 60/40 P 2 10% salt 37

Consisting of	
Common	99 sks @ 5.00 = 495.00
Poz. Mix	66 sks @ 2.10 = 138.60
Gel.	1 sk @ 6.75 = 6.75
Chloride	Salt - 19 sks @ 4.75 = 90.25
Quickset	Gilsonite - 420 lbs @ .29 = 121.80

Handling	@ 7.54	123.70
Mileage	3¢/sk/mile	158.40
32 miles		
Sub Total		
Total		1134.50

Floating Equipment	
6 - Centralizers @ 37	222.00
1 - Basket	108.00
1 - AFU Insert	144.00
1 - Guide Shoe	106.00
1 - Arrow D.V. Tool	1475.00
	2056.00

Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

Hand
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Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Nº 922

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
8-31-87	36	6	21	5:00 PM	8:00 PM	9:30 PM	10:00
Don Lease	Billips Trust		Well No. #1	Location Damar 11N 14W 4M		County Graham	State Kansas
Contractor Murfin Drilling Rig 8				Owner SAME			
Type Job Surface				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4"		T.D. 217'					
Csg. 8 5/8"		Depth 216'					
Tbg. Size		Depth					
Drill Pipe		Depth					
Tool		Depth					
Cement Left in Csg. 15'		Shoe Joint					
Press Max.		Minimum					
Meas Line		Displace					
Perf.							

EQUIPMENT

#153 No.	Cementer	M. Kaufman
Pumptrk	Helper	Glen G.
No.	Cementer	
Pumptrk	Helper	
#60	Driver	Randy P.
Bulktrk		
Bulktrk	Driver	

DEPTH of Job

Reference: #	PUMP TRK	360.00
	1-8 3/8" PLUG	40.00
	Sub Total	400.00
	Tax	
	Total	

Remarks:

Cement Circulated

Charge To	Ritchie Exploration Inc
Street	125 N Market #1000
City	Wichita
State	Kan 67201
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
X	<i>[Signature]</i>
CEMENT	

Amount Ordered	150 SKS 60/40 P02.38 CC27.6
Consisting of	
Common	90 5.00 450.00
Poz. Mix	60 2.10 126.00
Gel.	3 67.5 20.25
Chloride	5 20.00 100.00
Quickset	

SEP 3 1987	Sales Tax	
Handling	75	112.50
Mileage	32	144.00
Sub Total		952.70
Total		

Floating Equipment

Thanks